IN THE CLAIMS

Please amend dependent claims 4, 12-14, 16, 21, 23-25, 29-31, 39, and 44-45 as follows:

4. (Amended) The method of claim 1, wherein said localizing includes filtering with a number of coincidence patterns each corresponding to one of a number of predetermined spatial positions relative to the first and second sensors, the patterns each providing phantom position information that varies with frequency relative to the one of the predetermined spatial positions.

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12. (Amended) The system of claim 9, wherein said delay operator, said localization operator, and said extraction operator are provided by a solid state signal processing device.

13. (Amended) The system of claim 9, wherein said desired source signal is determined as a function of said interfering signals.

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14. (Amended) The system of claim 9, wherein said interfering source signals are each determined from a unique pair of said delayed signals.

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16. (Amended) The system of claim 9, wherein said output device is configured to provide an acoustic output representative of said desired source.

21. (Amended) The method of claim 17, wherein said localizing includes filtering with the coincidence patterns to enhance true position information with phantom position information.

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23. (Amended) The method of claim 17, wherein the first sensor and second sensor are part of a hearing aid device and further comprising adjusting the delayed signal pairs with a head-related-transfer function.

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24. (Amended) The method of claim 17, further comprising:

extracting a desired signal after said localizing; and

suppressing a different set of frequency components for each of a selected number of the sources to reduce noise.

25. (Amended) The method of claim 17, wherein the positions each correspond to an azimuth established relative to the first and second sensors and further comprising generating a map showing relative location of each of the sources.

29. (Amended) The system of claim 26, wherein said output device is configured to provide a map of acoustic source locations.

A7 Cont.

30. (Amended) The system of claim 26, wherein said delay operator and said localization operator are defined by an integrated solid state signal processor.

31. (Amended) The system of claim 26, wherein said localization operator responds to said delay signals to determine a closest one of said positions for one of said sources as a function of at least one of said delayed signals corresponding to said closest one of said positions and at least two other of said delayed signals corresponding to other of said positions, said at least two other of said delayed signals being determined with a corresponding one of said coincidence patterns.

A7 Conc.

39. (Amended) The system of claim 34, wherein each of said delayed first signals corresponds to one of a number of first taps from a first delay line, and each of said delayed second signals corresponds to one of a number of second taps from a second delay line.

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44. (Amended) The method of claim 41, further comprising repositioning the first and second sensors to extract a third signal from a third signal source.

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45. (Amended) The method of claim 41, wherein said establishing includes:

(a1) delaying each of the first and second signals by a number of time intervals to generate a number of delayed first signals and a number of delayed second signals; and

(a2) comparing each of the delayed first signals to a corresponding one of the delayed second signals, each of the spectral signals being a function of at least one of the delayed first signals and the delayed second signals.